

PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number	10/717,086
Filing Date	November 19, 2003
First Named Inventor	Charles Q. Zhan
Art Unit	2863
Examiner Name	Xiuqin Sun
Attorney Docket Number	I20 06739US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
XS	AA	US- 5,381,697	01/17/1995	van der Pol	class 5, 100 class
	AB	US- 5,594,180	01/14/1997	Carpenter et al.	
	AC	US- 5,641,891	06/24/1997	Frankl et al.	
	AD	US- 5,966,674	10/12/1999	Crawford et al.	
	AE	US- 6,208,943	03/27/2001	Randolph et al.	
	AF	US- 6,408,676	06/25/2002	Stratton et al.	
	AG	US- 6,505,517	01/14/2003	Eryurek et al.	
	AH	US- 6,539,315	03/25/2003	Adams et al.	
	AI	US- 6,654,697	11/25/2003	Eryurek et al.	
XS	AJ	US- 6,725,167	04/20/2004	Grumstrup et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

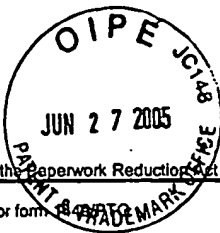
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Considered

08/08/05

*EXAMINER: Initial W reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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Sheet

2

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First Named Inventor

Charles Q. Zhan

Art Unit

2863

Examiner Name

Xiuqin Sun

Attorney Docket Number

I20 06739US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
XS	BA	Fujun He et al. "WPT-SVMs Based Approach for Fault Detection of Valves in Reciprocating Pumps", Proceedings of the American Control Conference, Anchorage, AK, May 8-10, 2002, Pp. 4566-4570.	
	BB	Jiang Wanlu et al., "Applying Multiresolution Analysis for Processing of Hydraulic Pump Fault Signal", Pp. 1-5.	
XS	BC	Wang et al., "The Fault Character of the Motors Identified Based on Wavelet Transform", November 2-5, 2003, Proceedings of the Second International Conference on Machine Learning and Cybernetics, Xi'an Pp. 2394-2398.	
XS	BD	Mallat et al., "Singularity Detection and Processing with Wavelets", March 1992, IEEE Transactions on Information Theory, Vol. 38, No. 2, Pp. 617-643.	

Examiner Signature		Date Considered	08/08/05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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